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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/720,555	11/24/2003	William J. Kohr	330440-100038	4384

34026 7590 04/29/2005

JONES DAY  
555 WEST FIFTH STREET, SUITE 4600  
LOS ANGELES, CA 90013-1025

EXAMINER
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ANDREWS, MELVYN J

ART UNIT	PAPER NUMBER
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1742

DATE MAILED: 04/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/720,555	<b>Applicant(s)</b> KOHR, WILLIAM J.	
	<b>Examiner</b> Melvyn J. Andrews	<b>Art Unit</b> 1742	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-45 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 September 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>112403</u> . | 6) <input type="checkbox"/> Other: ____  |

**DETAILED ACTION*****Double Patenting***

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1 to 15 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 16 of U.S. Patent No. 6,146,444. Although the conflicting claims are not identical, they are not patentably distinct from each other because the '444 process comprises distributing concentrate, biooxidizing the concentrate, leaching and recovering metal values.

Claims 1 to 15 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 25 of U.S. Patent No. 5,676,733. Although the conflicting claims are not identical, they are not patentably distinct from each other because the '733 process comprises forming a concentrate, spreading the concentrate, biooxidizing the concentrate, adding fresh concentrate and recovering metal values.

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Claims 16 to 25 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 12 of U.S. Patent No. 6,387,155. Although the conflicting claims are not identical, they are not patentably distinct from each other because the '155 process comprises producing a concentrate, spreading the concentrate on the top of a heap, biooxidizing the concentrate, leaching and recovering metal values.

Claims 16 to 25 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 11 of U.S. Patent No. 5,431,717. Although the conflicting claims are not identical, they are not patentably distinct from each other because the '717 process comprises separating fines, forming a heap, bioleaching a heap, hydrometallurgically treating the bioleached ore and treating the fines to recover metal values.

Claims 26 to 45 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 20 of U.S. Patent No. 6,652,622. Although the conflicting claims are not identical, they are not patentably distinct from each other because the '622 process comprises separating fines, forming a heap, bioleaching the ore, hydrometallurgically treating the ore and treating the fines.

Claims 26 to 45 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 to 13 of U.S. Patent No. 5,573,575. Although the conflicting claims are not identical, they are not patentably distinct from each other because the '575 method comprises separating ore into fines,


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forming a heap, producing a concentrate adding the concentrate to the heap, bioxidizing the ore in the heap and hydrometallurgically treating the ore.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvyn J. Andrews whose telephone number is (571)272-1239. The examiner can normally be reached on 8:00A.M. to 4:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy V. King can be reached on (571)272-1244. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**MELVYN ANDREWS**  
**PRIMARY EXAMINER**

MJA  
April 25, 2005